

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070807.D
 Acq On : 27 Jan 2022 15:40
 Operator : JC/MD
 Sample : N1278-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jan 28 00:37:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

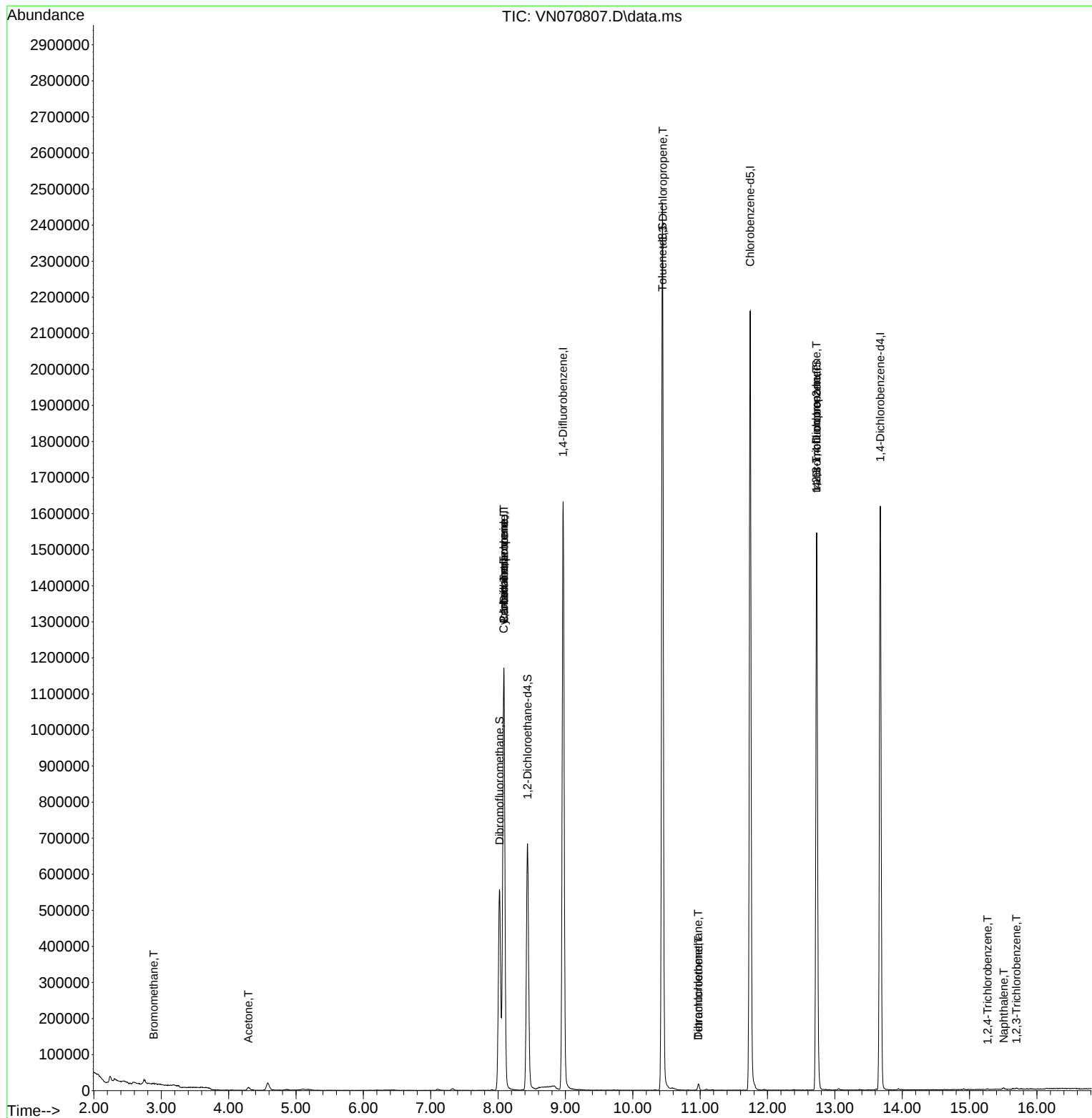
Internal Standards						
1) Pentafluorobenzene	8.086	168	869277	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	1389074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1244956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	451514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	602507	48.363	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.720%
35) Dibromofluoromethane	8.021	113	411452	47.752	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.500%
50) Toluene-d8	10.441	98	1703838	46.939	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.731	95	573586	44.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.888	94	1925	0.265	ug/l	93
16) Acetone	4.293	43	7192	0.832	ug/l	100
30) Chloroform	8.078	83	121	Below Cal	#	18
31) Cyclohexane	8.083	56	20376	0.929	ug/l	# 20
36) 1,1-Dichloropropene	8.086	75	71768	4.948	ug/l	# 48
38) Carbon Tetrachloride	8.086	117	90633	7.023	ug/l	# 16
53) t-1,3-Dichloropropene	10.446	75	76	2.408	ug/l	# 1
60) Dibromochloromethane	10.972	129	4117	0.418	ug/l	# 11
64) Tetrachloroethene	10.974	164	3878	0.425	ug/l	91
76) 1,2,3-Trichloropropane	12.728	75	309492	25.844	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.728	75	309492	76.994	ug/l	# 5
93) 1,2,4-Trichlorobenzene	15.268	180	1028	3.540	ug/l	83
95) Naphthalene	15.507	128	4556	5.124	ug/l	# 92
96) 1,2,3-Trichlorobenzene	15.697	180	1553	3.398	ug/l	# 56

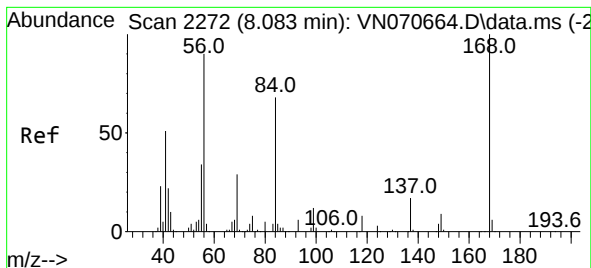
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070807.D

Acq: 27 Jan 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

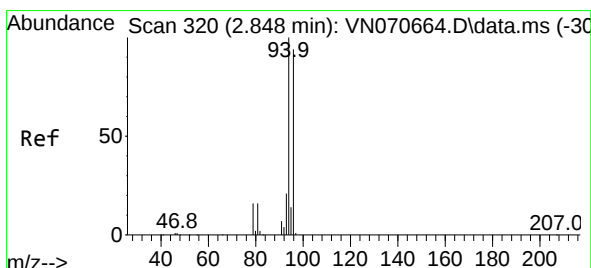
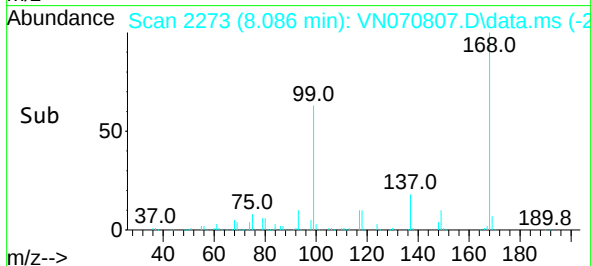
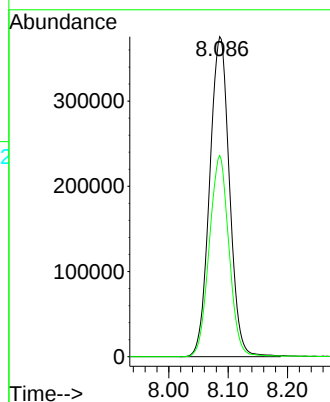
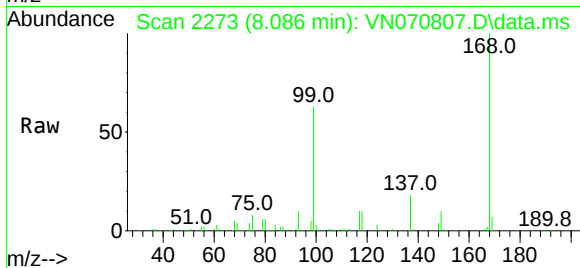
MW-2

Tgt Ion:168 Resp: 869277

Ion Ratio Lower Upper

168 100

99 62.9 41.3 61.9#



#5

Bromomethane

Concen: 0.265 ug/l

RT: 2.888 min Scan# 335

Delta R.T. 0.040 min

Lab File: VN070807.D

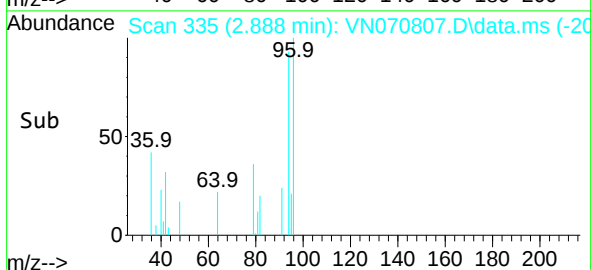
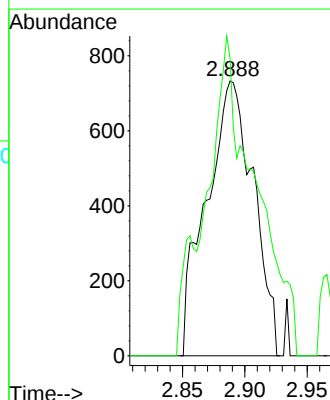
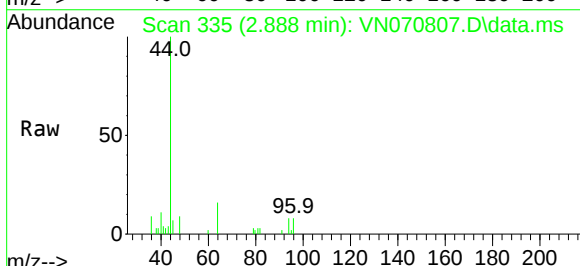
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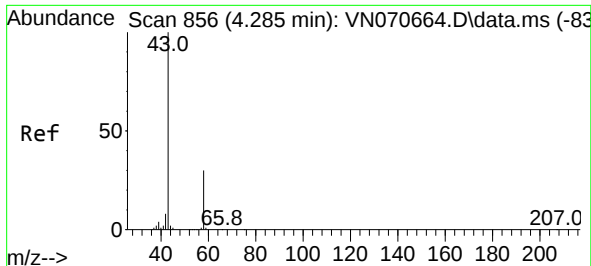
Tgt Ion: 94 Resp: 1925

Ion Ratio Lower Upper

94 100

96 85.5 73.8 110.8

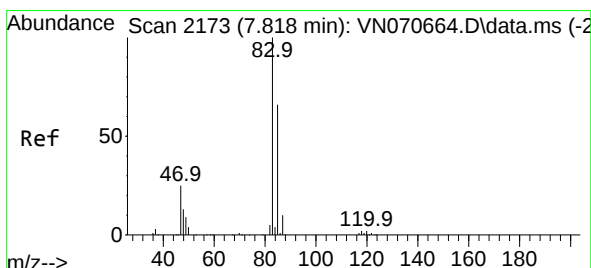
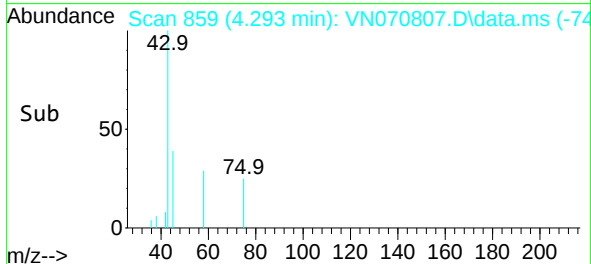
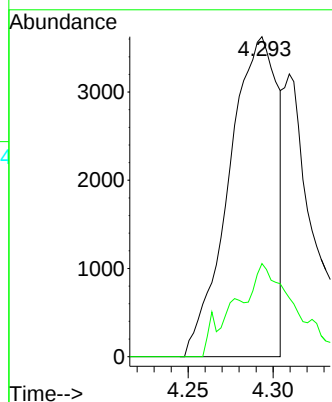
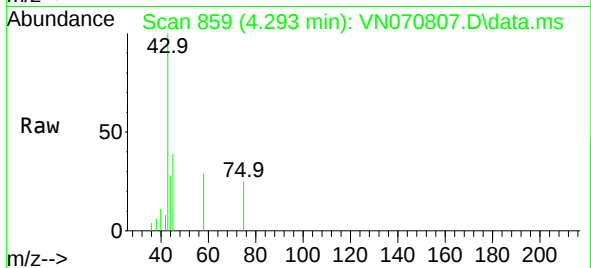




#16
Acetone
Concen: 0.832 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

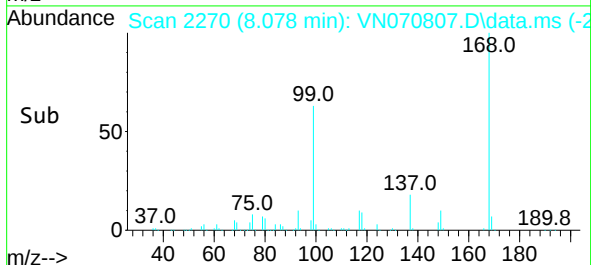
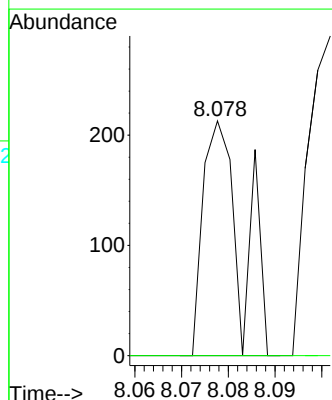
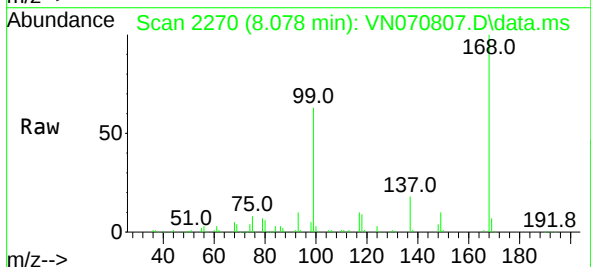
Instrument :
MSVOA_N
ClientSampleId :
MW-2

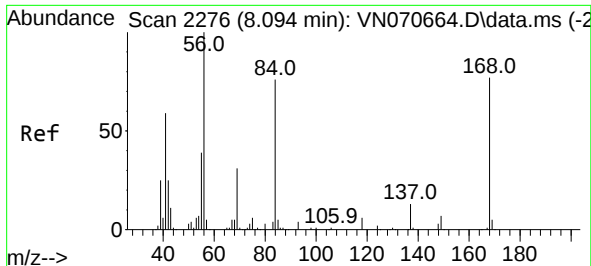
Tgt Ion: 43 Resp: 7192
Ion Ratio Lower Upper
43 100
58 29.1 23.1 34.7



#30
Chloroform
Concen: Below Cal
RT: 8.078 min Scan# 2270
Delta R.T. 0.260 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion: 83 Resp: 121
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#

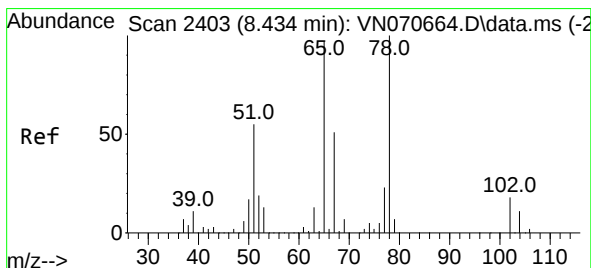
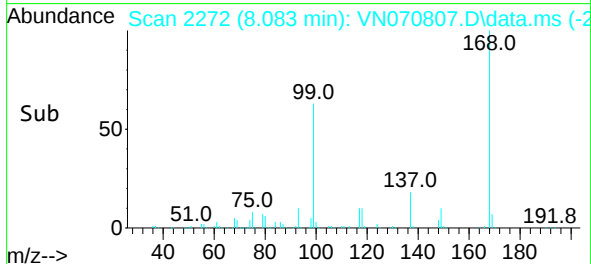
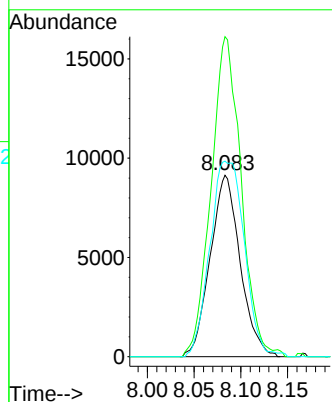
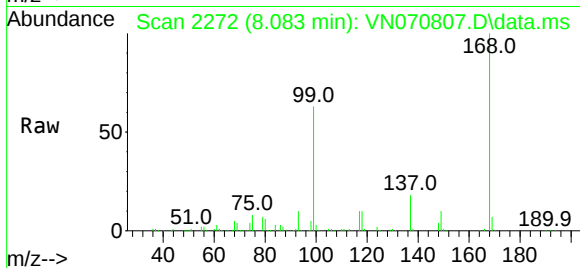




#31
Cyclohexane
Concen: 0.929 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

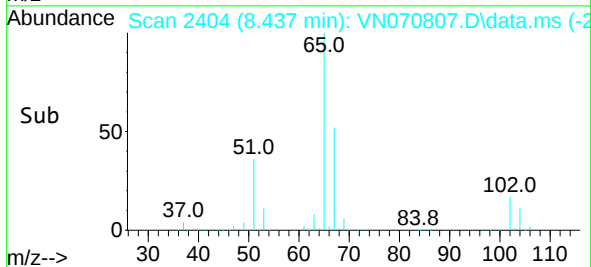
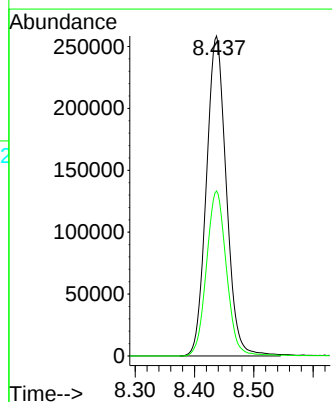
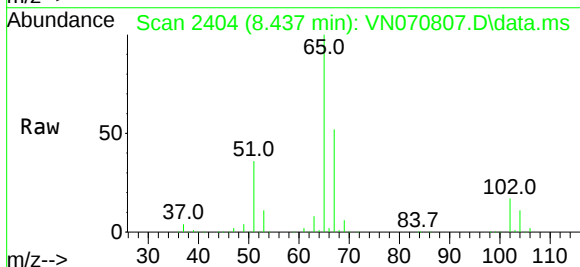
Instrument :
MSVOA_N
ClientSampleId :
MW-2

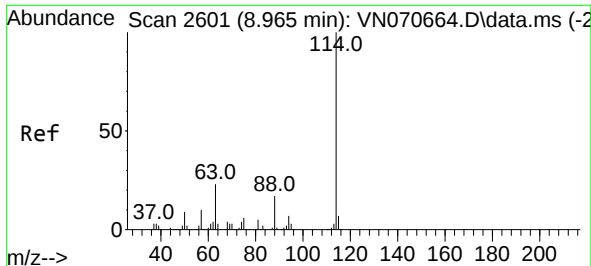
Tgt Ion: 56 Resp: 20376
Ion Ratio Lower Upper
56 100
69 176.3 27.1 40.7#
84 107.8 73.4 110.0



#33
1,2-Dichloroethane-d4
Concen: 48.363 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion: 65 Resp: 602507
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

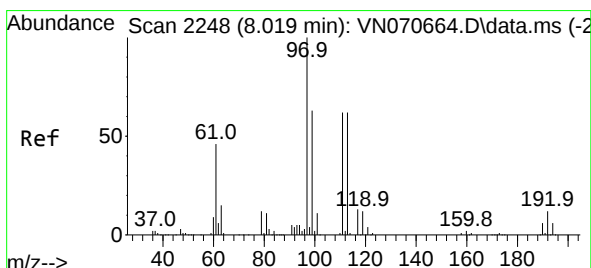
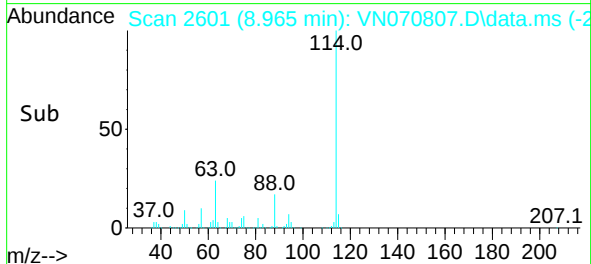
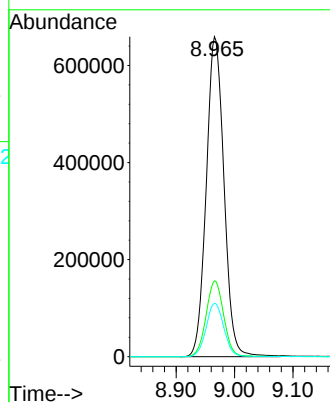
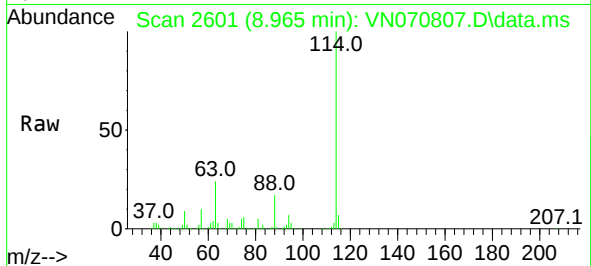




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

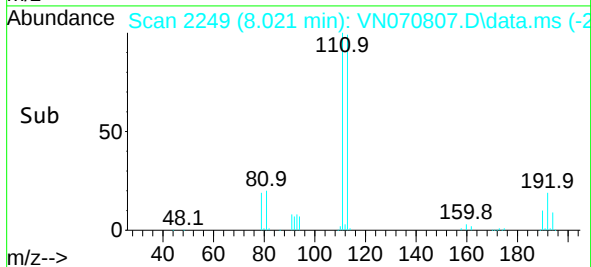
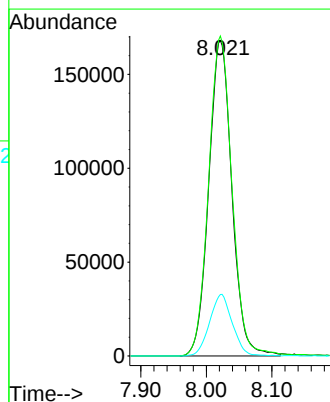
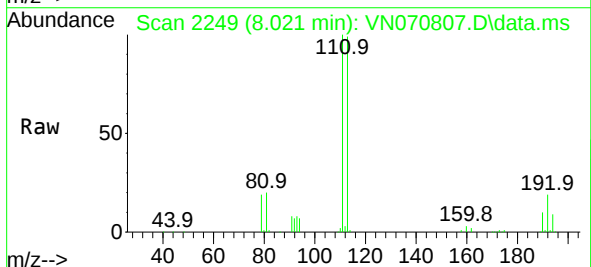
Instrument :
MSVOA_N
ClientSampleId :
MW-2

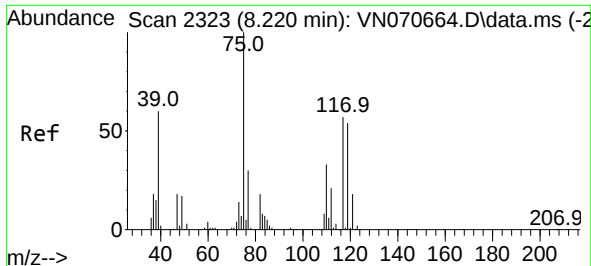
Tgt Ion:114 Resp: 1389074
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.752 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion:113 Resp: 411452
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.2 16.9 25.3

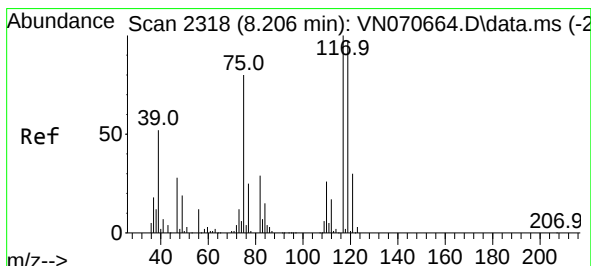
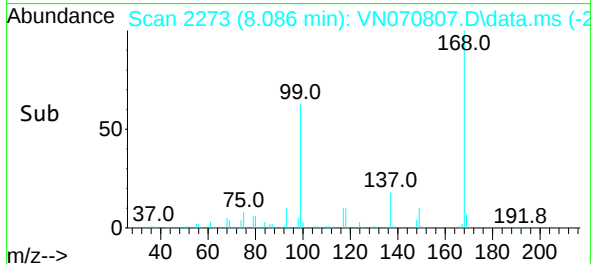
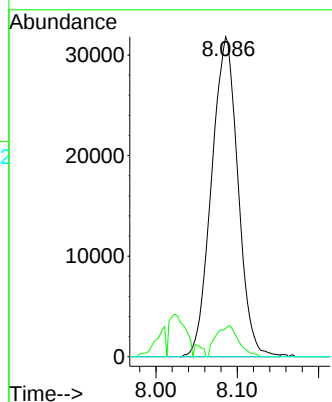
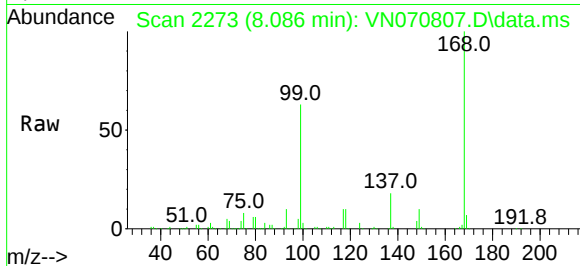




#36
 1,1-Dichloropropene
 Concen: 4.948 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070807.D
 Acq: 27 Jan 2022 15:40

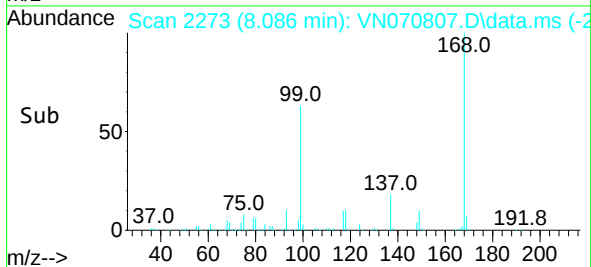
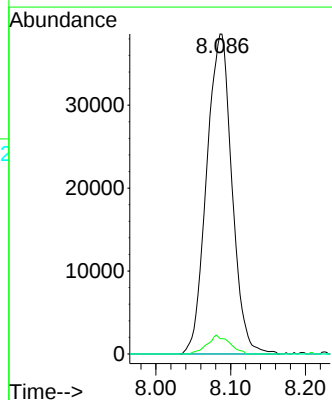
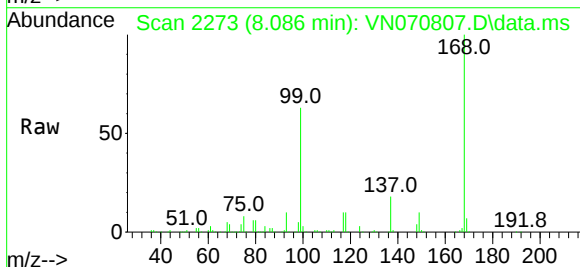
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

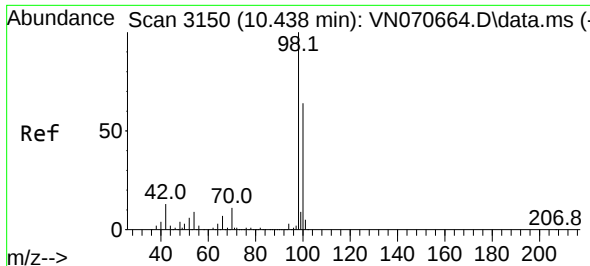
Tgt Ion: 75 Resp: 71768
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.4 55.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.023 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN070807.D
 Acq: 27 Jan 2022 15:40

Tgt Ion: 117 Resp: 90633
 Ion Ratio Lower Upper
 117 100
 119 4.8 76.1 114.1#
 121 0.0 24.2 36.2#

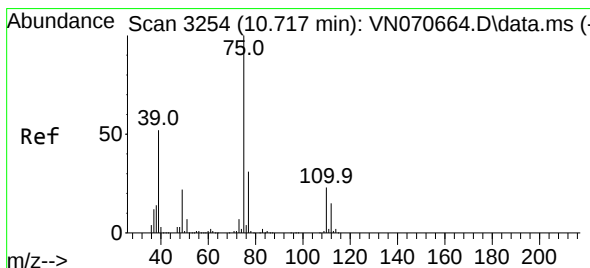
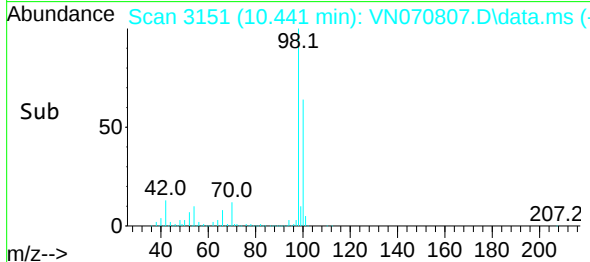
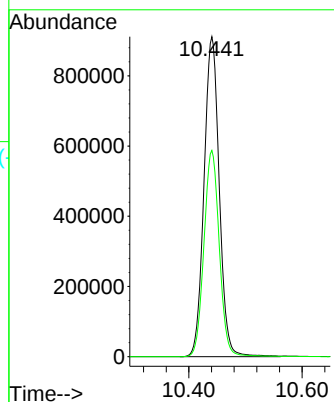
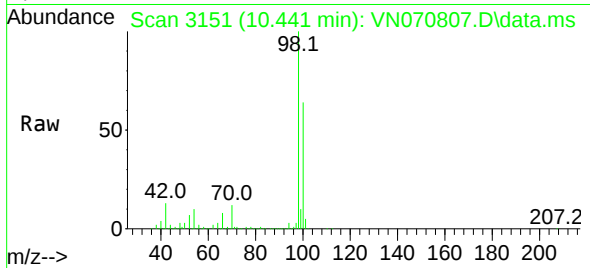




#50
Toluene-d8
Concen: 46.939 ug/l
RT: 10.441 min Scan# 3150
Delta R.T. 0.002 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

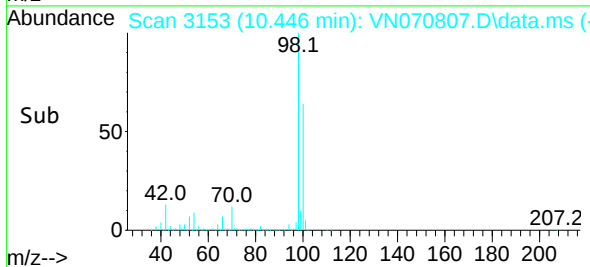
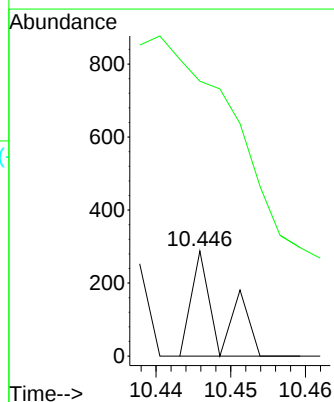
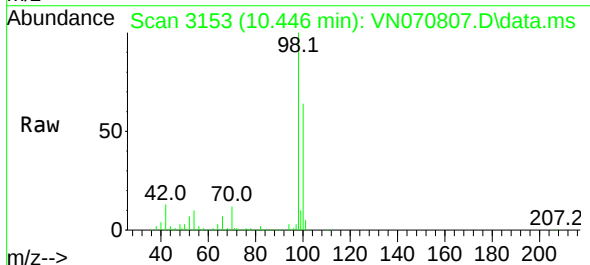
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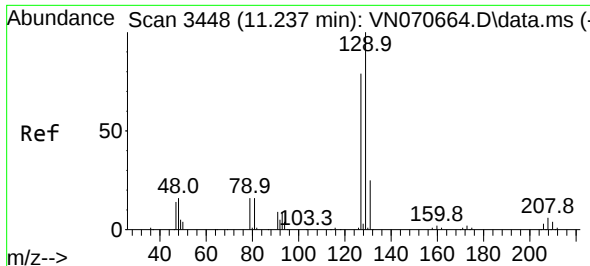
Tgt Ion: 98 Resp: 1703838
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.408 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.271 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
77 146.5 25.6 38.4#

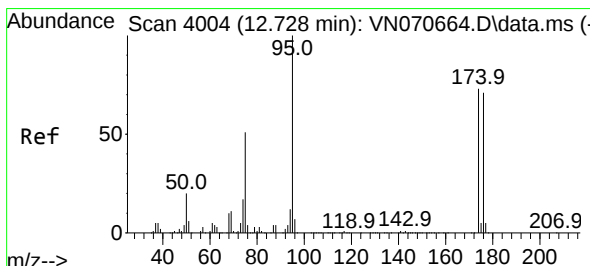
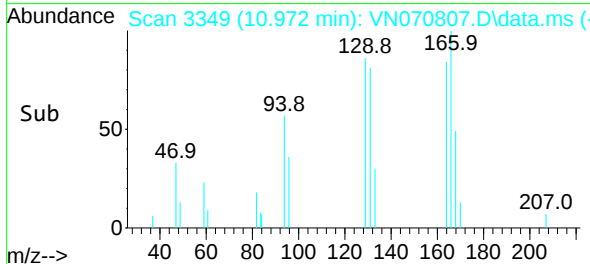
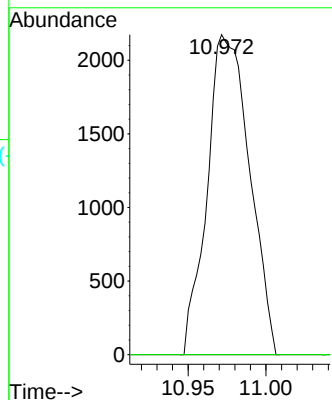
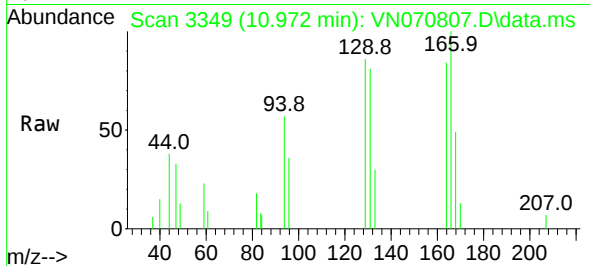




#60
Dibromochloromethane
Concen: 0.418 ug/l
RT: 10.972 min Scan# 311
Delta R.T. -0.265 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

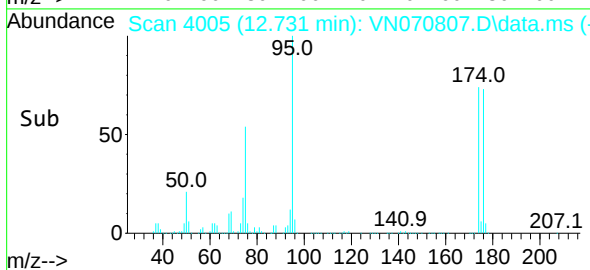
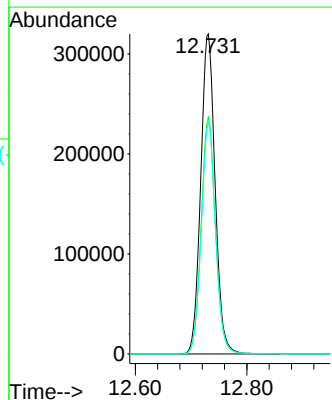
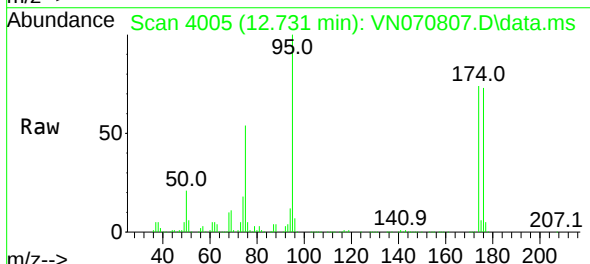
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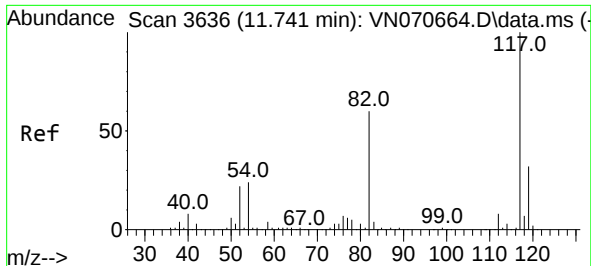
Tgt Ion:129 Resp: 4117
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#62
4-Bromofluorobenzene
Concen: 44.344 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion: 95 Resp: 573586
Ion Ratio Lower Upper
95 100
174 73.8 0.0 187.2
176 71.2 0.0 181.4

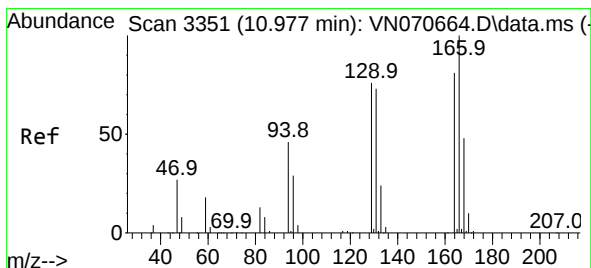
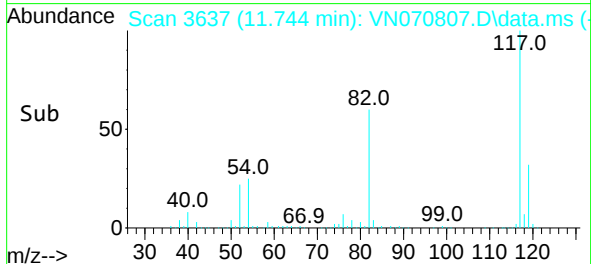
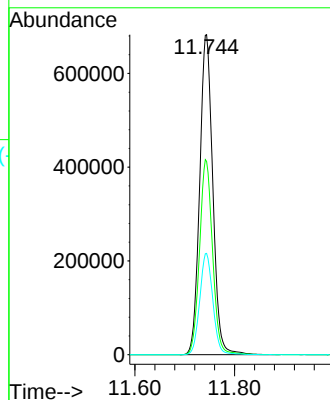
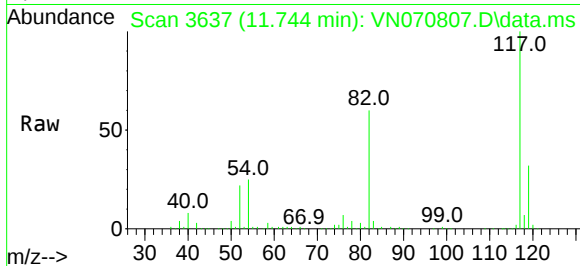




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

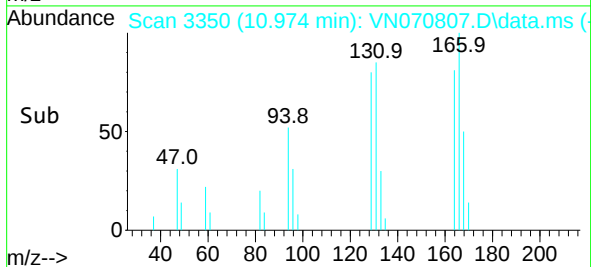
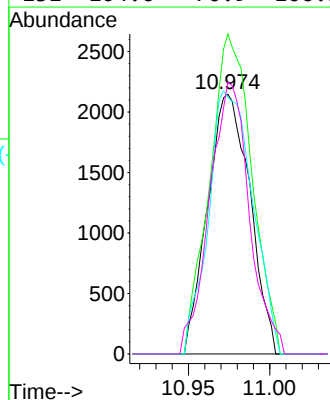
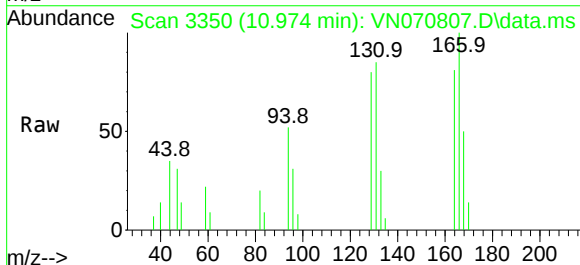
Instrument :
MSVOA_N
ClientSampleId :
MW-2

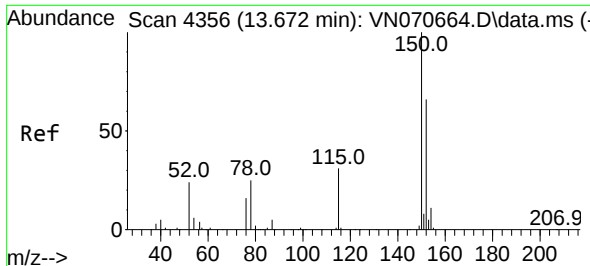
Tgt Ion:117 Resp: 1244956
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.6 25.4 38.2



#64
Tetrachloroethene
Concen: 0.425 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion:164 Resp: 3878
Ion Ratio Lower Upper
164 100
166 123.3 101.9 152.9
129 98.9 72.0 108.0
131 104.6 70.9 106.3

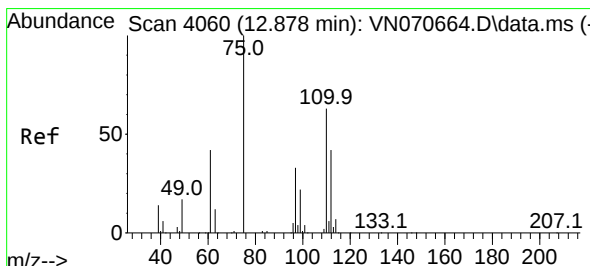
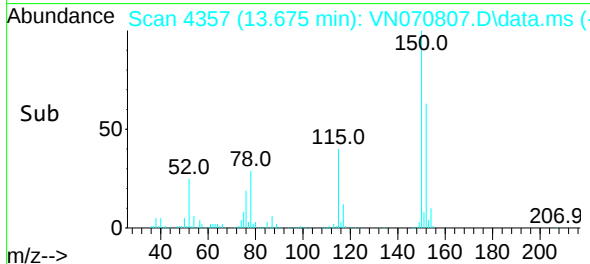
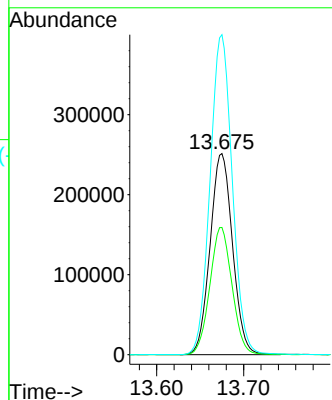
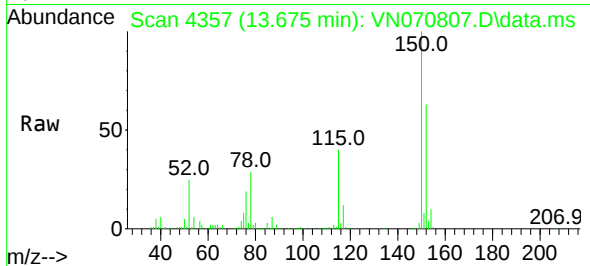




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070807.D
 Acq: 27 Jan 2022 15:40

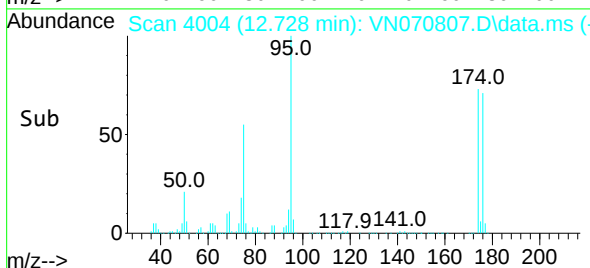
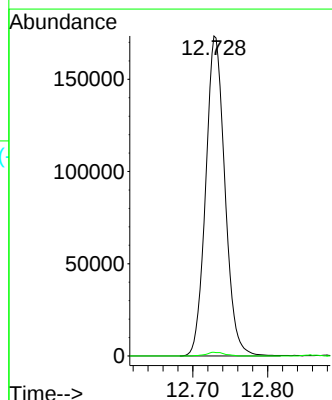
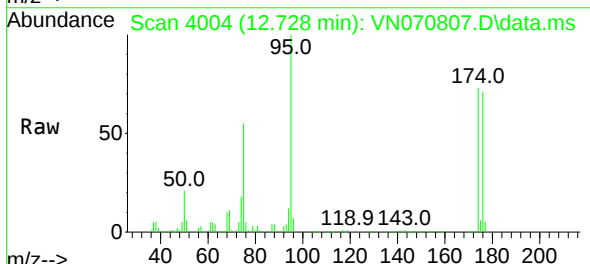
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

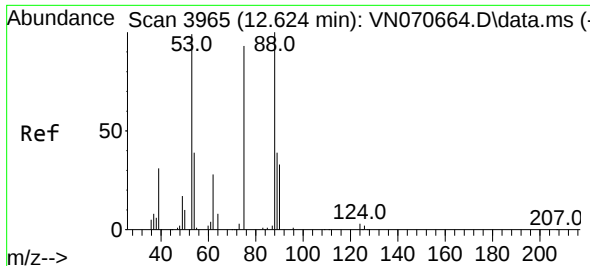
Tgt Ion:152 Resp: 451514
 Ion Ratio Lower Upper
 152 100
 115 62.4 27.5 82.5
 150 157.1 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 25.844 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070807.D
 Acq: 27 Jan 2022 15:40

Tgt Ion: 75 Resp: 309492
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#

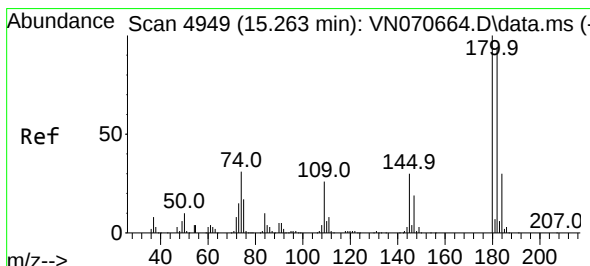
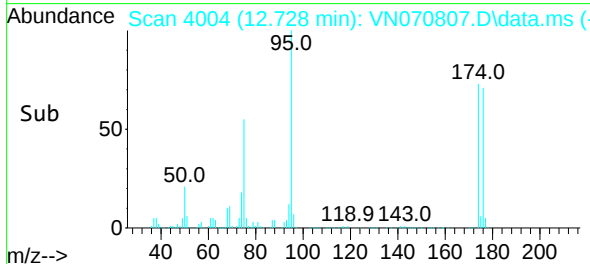
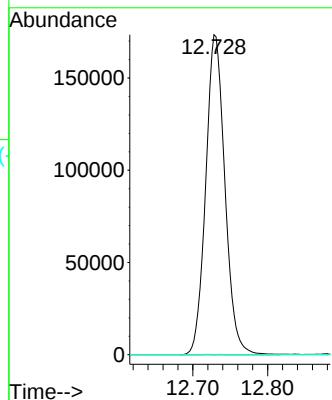
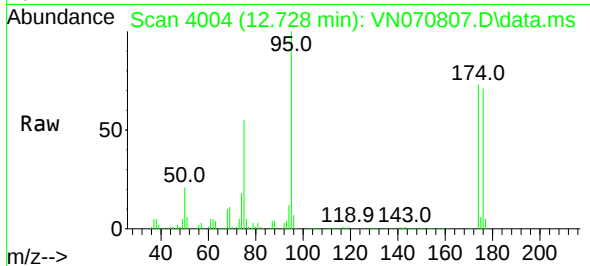




#81
trans-1,4-Dichloro-2-butene
Concen: 76.994 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

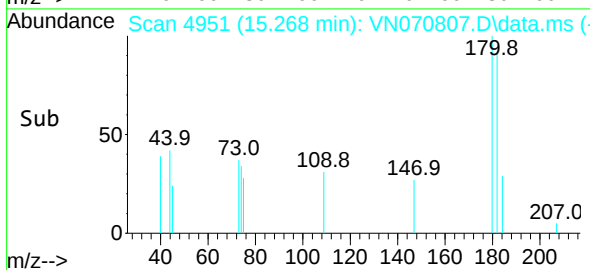
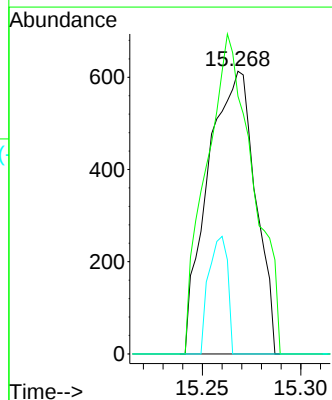
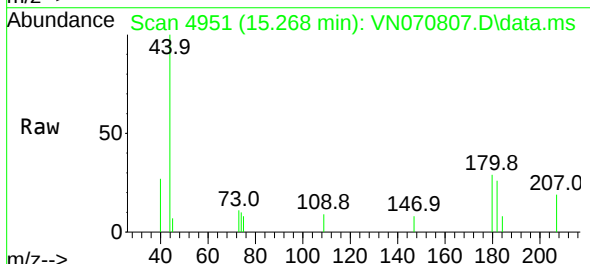
Instrument :
MSVOA_N
ClientSampleId :
MW-2

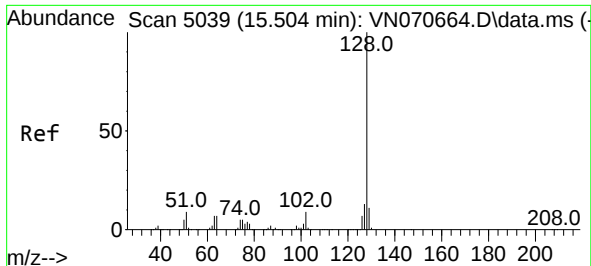
Tgt Ion: 75 Resp: 309492
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#93
1,2,4-Trichlorobenzene
Concen: 3.540 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.005 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion:180 Resp: 1028
Ion Ratio Lower Upper
180 100
182 111.3 48.3 144.9
145 16.5 14.5 43.5

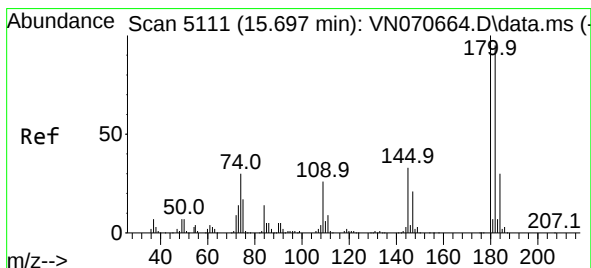
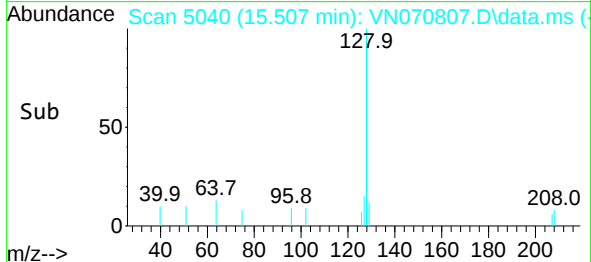
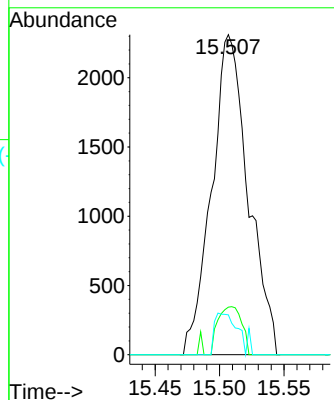
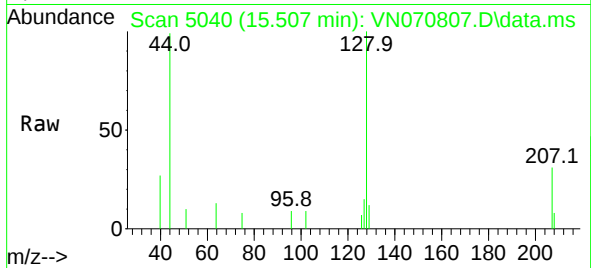




#95
Naphthalene
Concen: 5.124 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Tgt Ion:128 Resp: 4556
Ion Ratio Lower Upper
128 100
127 9.8 10.5 15.7#
129 8.4 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 3.398 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070807.D
Acq: 27 Jan 2022 15:40

Tgt Ion:180 Resp: 1553
Ion Ratio Lower Upper
180 100
182 47.6 47.4 142.2
145 14.4 15.0 45.1#

